Application No.: 09/849,530

Docket No.: 20136-00344-US

## **AMENDMENTS TO THE CLAIMS**

Claims 1-14 and 31 are canceled. Claims 15, 28, 29, and 30 are currently amended.

1-14 (canceled)

- 15. (currently amended) A process for fabricating a semiconductor structure which comprises [the steps of] providing a germanium-containing layer of at least one member selected from the group consisting of copper germanide, germanium oxide, germanium nitride and combinations thereof onto at least one surface of a copper member; and providing a layer of a material that [does not adhere well] is poorly adherent to copper on the germanium-containing layer.
- 16. (original) The process of claim 15 which comprises providing a germaniumcontaining layer by selectively forming copper germanide on the copper member by flowing germane over the structure.
- 17. (original) The process of claim 16 wherein the germane is at a temperature of about 200 to about 450°C.
- 18. (original) The process of claim 16 which comprises providing a gaseous composition containing about 0.05 to about 5% of germane and a second gas selected from the group consisting of nitrogen, helium, argon, and mixtures thereof.
- 19. (original) The process of claim 15 wherein the germanium-containing layer is provided by providing a layer of copper germanide on the copper and then oxidizing all or a portion of the copper germanide to provide a layer of germanium oxide.
- 20. (original) The process of claim 15 wherein the thickness of the germaniumcontaining layer is about 100 to about 1000 A.
- 21. (original) The process of claim 15 wherein the thickness of the germaniumcontaining layer is about 150 to about 400 A.

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22. (original) The process of claim 19 wherein the layer of copper germanide is about 100 to about 1000 A and the layer of germanium oxide is about 100 to about 1000 A.

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- 23. (original) The process of claim 15 wherein the germanium-containing layer comprises providing a layer of copper germanide and then nitriding all or a portion of the copper germanide layer to provide germanium nitride.
- 24. (original) The process of claim 23 wherein the copper germanide layer is about 100 to about 1000 A thick and the germanium nitride layer is about 100 to about 1000 A thick.
- 25. (original) The process of claim 15 wherein the germanium-containing layer is provided by providing a layer of copper germanide on the copper, then oxidizing all or a portion of the copper germanide to provide a layer of germanium oxide, and then nitriding a portion of the copper oxide layer to provide germanium nitride.
- 26. (original) The process of claim 15 wherein the copper member is copper or a copper alloy.
- 27. (original) The process of claim 15 wherein the copper member is about 1000 to about 20,000 A thick.
- 28. (currently amended) The process of claim [15] 29 wherein the layer of silicon nitride is about 100 to about 200000 A thick.
- 29. (currently amended) The process of claim 15 wherein the material that is [does not adhere well] poorly adherent to copper is silicon nitride.
- 30. (currently amended) The process of claim 15 wherein the material that is [does not adhere well] poorly adherent to copper is silicon dioxide.
  - 31. (canceled)